

**REMARKS**

Applicant thanks the Examiner for the courtesies extended to his attorney during a January 12, 2004 in-person interview.

Additionally, Applicant thanks the Examiner for withdrawing the §102 rejections in the last Office Action.

Claims 1-7 stand rejected under 35 U.S.C. §103 based on Schuchman and references cited in Applicant's specification while claims 8-21 stand rejected under 35 U.S.C. §103 based on Schuchman in view of Borrás et al. ("Borrás"), and Sole et al. ("Sole") and in further in view of the references cited in Applicant's specification. For the reasons stated during the interview and discussed below, Applicant respectfully disagrees.

As the Examiner admits, Schuchman does not specifically disclose a receiver configured to eliminate multipath channel impairments. In addition, as Applicant points out at least on page 5, lines 15-19; page 5, line 25 through page 6, line 6; and page 7, lines 22 through the end, the references cited in Applicant's specification are not capable of eliminating multipath channel impairments that are caused by severely degraded signals. In contrast, the present invention is capable of eliminating multipath channel impairments caused by such severely degraded signals. To more particularly point out and distinctly claim this feature of the present invention, Applicant has amended independent claims 1 and 8 accordingly. In addition, claims 1 and 8 have been revised to indicate that "Doppler modulation" is imparted to a received signal in order to eliminate multi-path channel impairments caused by severely

degraded signals. None of the cited references, taken separately or in combination, discloses, teaches or suggests imparting Doppler modulation to a signal to eliminate multi-path channel impairments as in the claims of the present invention.

Claims 1-21 are now in condition for allowance. Prompt allowance and issuance of claims 1-21 is respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact John E. Curtin at the telephone number of the undersigned below.

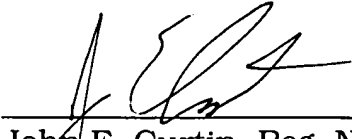
In the event this Response does not place the present application in condition for allowance, applicant requests the Examiner to contact the undersigned at (703) 668-8000 to schedule a personal interview.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By

  
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